

Iowa Crops & Weather



USDA – National Agricultural Statistical Service
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For the week ending October 21, 2007

MUDDY, RAINY, AND CLOUDY

Agricultural Summary: Very little sun was seen across the Heartland this week. Almost all field work was halted until the weekend. Some corn stalks are beginning to rot and there is volunteer sprouting in corn and soybean fields. Manure storage has reached capacity with the extra rains and the inability to have spreading equipment on the fields. Pastures are still thriving. Confined cattle lots are muddy from the rains. Stubble fields are not being used due to corn not being harvested and wet stubble in fields that are harvested.

There was 1.2 days suitable for fieldwork, compared to 3.9 days a year ago. Topsoil moisture rated zero percent very short, 1 percent short, 44 percent adequate, and 55 percent surplus across the State. Subsoil moisture rated zero percent very short, 1 percent short, 57 percent adequate, and 42 percent surplus.

Grain movement was limited this week with 9 percent heavy movement, 24 percent moderate, 34 percent light, and 33 percent no movement. Availability of off-farm grain storage rated 17 percent short, 80 percent adequate, and 3 percent surplus. On-farm grain storage availability rated 27 percent short, 71 percent adequate, and 2 percent surplus.

Field Crops Report: Forty-one percent of the corn has been harvested, 5 percentage points behind last year's progress and 8 points behind the five-year average, making corn harvest about three days behind both last year and the five-year average. Seventy-six percent of the soybeans have been harvested, 14 percentage points behind last year's harvest at this time and 17 percentage points behind the five-year average, or 10 days behind last year and 9 days behind the five-year average.

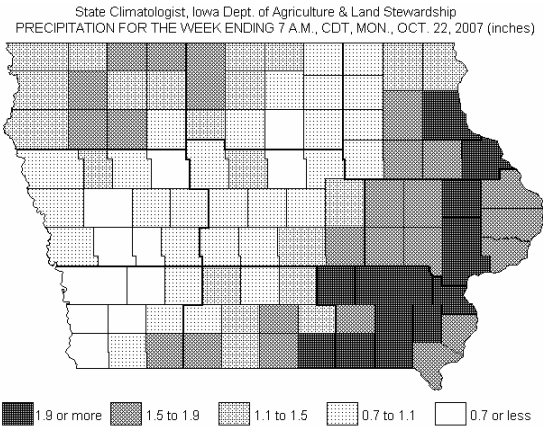
Livestock and Pasture Report: Pasture condition rated 3 percent very poor, 8 percent poor, 26 percent fair, 49 percent good, and 14 percent excellent. Use of stubble fields rated 66 percent none, 25 percent limited, 8 percent moderate, and 1 percent extensive.

IOWA PRELIMINARY WEATHER SUMMARY

Provided by State Climatologist Harry Hillaker

The past work week was cloudy and wet but with above normal temperatures. Light to moderate rain fell statewide on Monday (15th) into Tuesday (16th) morning. Rain returned statewide on Wednesday (17th) and Thursday (18th) with moderate to heavy rain across the southeast. Dry weather finally returned Friday (19th) with most areas remaining dry through the rest of the weekend. However, rain did move back in to south central Iowa early Monday (22nd) morning. Weekly rain totals varied from 0.42 inches at Glenwood to 3.28 inches at Oakland Mills (Henry County). The statewide average precipitation was 1.31 inches or a little more than double the weekly normal of 0.62 inches. This was the fourth consecutive week with above normal rainfall and has pushed the statewide average amount this month to 5.16 inches, the highest October total since 1984 and fourth highest on record. Temperatures were above normal throughout the week with the highest readings over the weekend when Harlan reached 83 degrees on Saturday (20th) and Burlington recorded an 84 degree maximum on Sunday (21st). On the other extreme Elkader recorded a Saturday morning low of 35 degrees. Temperatures for the week as a whole averaged 5.9 degrees above normal. Soil temperatures at the four inch depth were averaging in the low 50's northwest to upper 50's southeast as of Sunday (21st).

PRELIMINARY IOWA PRECIPITATION



Provided by Harry Hillaker, State Climatologist

Statewide Grain Storage Availability as of October 21, 2007

Item	Short	Adequate	Surplus
	Percent	Percent	Percent
On-farm, grain storage	27	71	2
Off-farm, grain storage	17	80	3

Statewide Crop Conditions as of October 21, 2007

Item	Very Poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent
Corn	2	6	19	50	23
Range & Pasture	3	8	26	49	14

Statewide Harvesting Conditions as of October 21, 2007

Item	None	Light	Moderate	Heavy
	Percent	Percent	Percent	Percent
Corn lodging	49	28	16	7
Corn ear droppage	67	23	8	2
Soybeans lodging	69	21	8	2
Soybeans shattering	68	20	9	3

State Post-Harvest Conditions as of October 21, 2007

Item	None	Light	Moderate	Heavy
	Percent	Percent	Percent	Percent
Grain movement	33	34	24	9
Grazing on stubble fields	66	25	8	1

Statewide Hay/Roughage Availability as of October 21, 2007

Item	Short	Adequate	Surplus
	Percent	Percent	Percent
Hay/Roughage	14	77	9

Field Work and Crop Progress as of October 21, 2007

Item	Districts									State	Last Week	Last Year	Normal
	NW	NC	NE	WC	C	EC	SW	SC	SE				
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Corn harvested (grain or seed)	31	46	55	34	36	54	32	22	57	41	37	46	49
Soybeans harvested	88	96	83	70	84	81	41	30	68	76	71	90	93

Days Suitable & Soil Moisture Condition as of October 21, 2007

Item	Districts									State	Last Week	Last Year
	NW	NC	NE	WC	C	EC	SW	SC	SE			
Days suitable	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days
	0.6	0.8	1.0	1.3	1.1	2.5	0.9	0.4	2.6	1.2	4.0	3.9
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Topsoil moisture												
Very short	0	0	0	0	0	0	0	0	0	0	0	3
Short	3	0	0	0	0	0	0	0	2	1	2	16
Adequate	31	42	27	56	43	67	27	39	65	44	60	75
Surplus	66	58	73	44	57	33	73	61	33	55	38	6
Subsoil moisture												
Very short	1	0	0	0	0	0	0	0	2	0	1	6
Short	3	0	1	0	0	2	0	0	6	1	3	25
Adequate	60	56	51	55	55	76	37	53	73	57	67	66
Surplus	36	44	48	45	45	22	63	47	19	42	29	3

Weather Summary For Iowa Agricultural Statistics Service
For the week ending: Sunday, October 21, 2007, Prepared by AWIS, Inc.

STATION	CURRENT WEEK						SINCE APRIL 1		CURRENT WEEK	
	TEMPERATURE				PRECIPITATION		PRECIPITATION		GDD BASE 50F	
	HI	LO	AVG	DFN	TOTAL	DFN	TOTAL	DFN	TOTAL	DFN
	North West District									
Estherville	77	39	54	7	2.40	1.98	26.76	4.61	32	17
Sioux Center	78	39	55	6	1.74	1.32	25.82	4.23	37	13
Spencer	79	39	54	6	1.47	1.03	24.23	1.21	33	15
Spirit Lake	74	46	54	7	1.61	1.22	28.17	6.32	27	-9
North Central District										
Britt	72	40	53	3	2.14	1.71	34.87	10.84	24	-4
Humboldt	73	41	54	5	2.03	1.57	39.01	14.34	29	11
Mason City	74	37	54	7	1.32	0.81	35.21	9.66	34	14
Osage	72	39	53	4	1.17	0.64	30.32	4.01	25	-2
North East District										
Decorah	76	36	57	7	1.58	1.11	40.71	15.64	50	26
Dubuque	70	37	56	8	2.33	1.77	31.76	4.34	50	27
Elkader	73	35	54	5	2.21	1.68	41.12	16.27	33	0
Fayette	71	40	54	5	2.55	1.99	40.63	14.52	29	6
Waterloo	73	37	56	7	1.30	0.74	37.18	11.49	47	26
West Central District										
Carroll	81	43	55	6	2.27	1.76	33.09	7.11	40	17
Castana	81	43	55	4	0.82	0.31	33.36	9.84	40	15
Guthrie Center	81	41	56	6	3.12	2.56	49.79	23.91	44	20
Harlan	83	44	56	6	2.21	1.69	38.43	12.62	46	22
Jefferson	82	40	55	6	2.60	2.09	33.46	7.48	37	14
Logan	82	40	56	5	1.05	0.52	37.65	13.31	44	19
Rockwell City	79	40	54	4	1.77	1.27	39.69	14.54	33	7
Sac City	78	40	54	6	1.25	0.75	40.02	15.26	33	14
Sioux City	81	41	56	5	1.21	0.79	33.46	13.18	45	20
Central District										
Boone	81	40	54	4	2.17	1.60	39.19	12.80	32	5
Des Moines	78	43	58	6	2.30	1.73	32.65	7.78	60	24
Grundy Center	76	41	55	7	1.31	0.75	39.99	14.64	36	13
Marshalltown	76	37	56	7	1.60	1.05	29.67	3.24	46	22
Newton	78	39	55	4	1.98	1.40	32.51	6.85	38	6
Perry	81	41	56	7	2.39	1.86	36.31	11.32	42	17
Toledo	76	42	55	6	1.89	1.36	31.77	5.18	35	10
East Central District										
Cedar Rapids	74	40	57	7	2.37	1.88	29.44	4.28	50	22
Davenport	74	43	60	7	1.48	0.90	31.80	7.16	69	33
Iowa City	76	39	58	5	2.54	1.93	30.14	2.63	58	19
Lowden	76	39	55	5	2.85	2.29	32.51	4.67	39	10
Maquoketa	72	41	54	5	2.43	1.93	31.30	5.75	31	7
Muscatine	76	42	58	5	3.15	2.54	34.23	8.25	59	35
South West District										
Atlantic	80	41	57	8	1.64	1.11	39.32	14.88	53	29
Clarinda	79	41	56	5	3.23	2.64	38.36	9.88	44	15
Glenwood	82	45	58	6	2.64	2.11	41.06	15.29	55	19
Red Oak	82	45	58	5	5.65	5.15	46.83	18.91	56	22
Sidney	80	46	57	4	4.81	4.21	36.65	9.93	49	11
South Central District										
Allerton	79	44	57	6	2.08	1.42	43.40	15.97	51	35
Beaconsfield	77	44	56	5	2.11	1.50	36.47	10.09	43	11
Chariton	79	44	57	5	1.70	1.10	37.25	9.23	49	16
Indianola	81	44	57	6	2.12	1.50	35.49	9.56	51	19
Leon	79	42	58	6	1.45	0.80	37.25	9.97	54	21
South East District										
Bloomfield	79	49	59	6	3.12	2.47	38.45	10.74	68	28
Burlington	80	45	64	11	1.54	0.91	27.51	1.83	97	61
Ottumwa	77	44	59	7	2.44	1.88	36.33	10.77	66	30
Washington	78	41	58	4	2.55	1.97	39.24	14.22	55	30

Precipitation (rain, melted snow or ice) in inches. Precipitation Days = Days with precipitation of 0.01 inch or more. Air Temperatures in Degrees Fahrenheit. Copyright 2007: AWIS, Inc. All Rights Reserved.

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